

Abstract of the Disclosure

Methods and systems for distributing and accessing large amounts of signaling message processing data in a signaling message processing node are disclosed. More particularly, a large amount of signaling message processing data, such as number portability translation data, may be segmented and distributed across multiple processing modules. For example, subscriber portability data contained in a large national local number portability (LNP) database is divided or segmented according to NPA-NXX ranges or geographic regions, and LNP data associated with each region or segment is stored on a different database service module (DSM) within the message processing system. A signaling message requiring number portability processing is received by a communication module. The communication module directs the message a DSM that contains the LNP data segment necessary to process the message.